



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/606,218
		Filing Date	June 26, 2003
		First Named Inventor	Anatoly Chekhmir, et al.
		Art Unit	1754
		Examiner Name	Peter J. Lish HERTZOG
Sheet 1	of 1	Attorney Docket Number	GRI-101-CON

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
<i>[Signature]</i>		US-4,488,990	12/18/84	Yannopoulos	
		US-5,771,472	6/23/98	Carpene, et al.	
		US-5,926,774	7/20/99	Brown	
		US-5,947,887	9/7/99	White, et al.	
		US-5,960,368	9/28/99	Pierce, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 97/19034	5/29/97	Commissariat A L'Energie Atomique, et al.		<input type="checkbox"/>
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Examiner Signature <i>[Signature]</i>	Date Considered 6.16.05
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(* already cited on another IDS)



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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/606,218
		Filing Date	June 26, 2003
		First Named Inventor	Chekhmir et al.
		Art Unit	Not yet assigned 1754
		Examiner Name	Not yet assigned HERT 2067
Sheet 1	of 1	Attorney Docket Number	GRI-101-CON

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-3,837,872	9/24/74	Conner	
		US-5,649,894	7/22/97	White et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		PCT International Search Report PCT/US01/18786, mailed 11.5.01				<input type="checkbox"/>
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Examiner Signature	Date Considered 6.16.05
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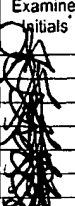
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known 10/606,218	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	June 26, 2003
				First Named Inventor	Chekhmir et al.
				Art Unit	1754
				Examiner Name	A. Kuhn HERTZ
				Attorney Docket Number	GRI-101-CON
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
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		Number- Kind Code ² (if known)			
		US-4,632,778	12/30/86	Lehto et al.	
		US-5,256,338	10/26/93	Nishi et al.	
		US-5,750,824	5/12/98	Day	
		US-5,882,581	3/16/99	Gotovchikov et al.	
		US-5,926,772	7/10/99	Kalb et al.	
		US-5,994,609	11/30/99	Luo	
		US-5,926,771	7/20/99	Brown	
		US-5,947,887	9/7/99	White et al.	
		US-5,960,368	9/28/99	Pierce et al.	
		US-6,023,006	2/8/00	Fiquet et al.	
		US-6,258,994	7/10/01	Jantzen et al.	
		US-5,771,472	6/23/98	Carpena et al.	
		US-4,534,893	8/13/85	Dippel et al.	
		US-4,464,294	8/84	Thiele	
		US-3,959,172	5/76	Brownell et al.	
		US-4,297,304	10/81	Scheffler et al.	
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Substitute for form 1449B/PTO		Complete if Known 10/606,218	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	June 26, 2003
		First Named Inventor	Chekhmir et al.
		Group Art Unit	1754
		Examiner Name	A. Kuber HERTZOG
Sheet 2	of 2	Attorney Docket Number	GRI-101-CON

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Chekhmir et al. "Diffusion in Magnetic Melts: New Study, "found in Chapter 3, Physical Chemistry of Magmas, pp. 99-119, Editors: Perchuk and Kushiro, 1991.	<input type="checkbox"/>
		Epelbaum et al. "Zonality of Crystal is One More Possible Barrier to Migration of Radionuclides." Geological Problems of Radioactive Waste Burial. Contribution of Physical-Chemical Petrology. Vol. 18 (Miass, 1944), p. 126-138. <i>(partial translation only)</i>	<input type="checkbox"/>
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